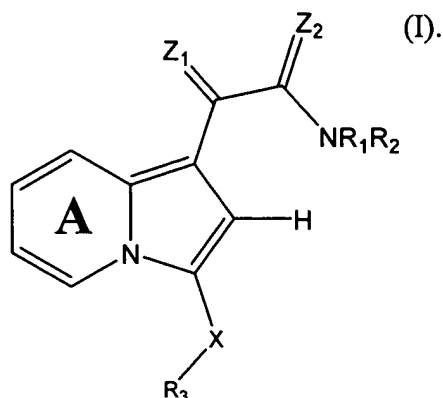


ABSTRACT OF THE DISCLOSURE

Disclosed is a compound represented by Structural Formula (I):



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Ring A is substituted or unsubstituted and optionally fused to an aryl group.

Z_1 and Z_2 are independently =O, =S, =N-OR₁₂ or =NR₁₂

R_1 and R_2 are independently -H, an aliphatic group, a substituted aliphatic group, an unsubstituted non-aromatic heterocyclic group, a substituted non-aromatic heterocyclic group, an aryl group or a substituted aryl group, provided that R_1 and R_2 are not both -H. Alternatively, -NR₁R₂, taken together, is a substituted or unsubstituted non-aromatic nitrogen-containing heterocyclic group or a substituted or unsubstituted nitrogen-containing heteroaryl group.

R_3 is a substituted or unsubstituted aryl group or a substituted or unsubstituted aliphatic group.

X is a covalent bond, -C(R₄R₅)-, -N(R₄)-, -O-, -S-, -S(O)-, -S(O)₂-, -C(=O)-, -C(=O)-N(R₄)-, or -N(R₄)-C(=O)-.

R_4 and R_5 are independently -H or a substituted or unsubstituted aliphatic group.

R_{12} is -H or a substituted or unsubstituted alkyl group.

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